

# SEQUENCE LISTING

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<120> METHOD OF PREDICTING THE ABILITY OF COMPOUNDS TO  
MODULATE THE BIOLOGICAL ACTIVITY OF RECEPTORS

<130> PAIGE1D

<140> 09/429,331

<141> 1999-10-28

<150> PCT/US99/06664

<151> 1999-03-26

<150> 60/082,756

<151> 1998-04-23

<150> 60/099,656

<151> 1998-09-09

<150> 60/115,345

<151> 1999-01-08

<160> 360

<170> PatentIn Ver. 2.0

<210> 1

<211> 20

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peptide

<400> 1

Ser	Ser	Asn	His	Gln	Ser	Ser	Arg	Leu	Ile	Glu	Leu	Leu	Ser	Arg	Ser
1				5					10					15	

Gly	Ser	Gly	Lys
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<210> 2

<211> 8

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<400> 11  
Ser Ser Trp Asp Met His Gln Phe Phe Trp Glu Gly Val Ser Arg  
1 5 10 15

<210> 12  
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<220>  
<223> Description of Artificial Sequence:Arbitrary  
peptide

<400> 12  
Ser Ser Pro Gly Ser Arg Glu Trp Phe Lys Asp Met Leu Ser Arg  
1 5 10 15

<210> 13  
<211> 15  
<212> PRT  
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peptide

<400> 13  
Ser Ser Leu Thr Ser Arg Asp Phe Gly Ser Trp Tyr Ala Ser Arg  
1 5 10 15

<210> 14  
<211> 88  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:DNA encoding random  
peptide library of Ex. 101.1

<220>  
<223> N at each occurrence is A, C, G or T; K at each  
occurrence is G or T

<400> 14  
agtgtgtgcc tcgagannkn nknnknnknn knnknnkctg nnknnkctgc tgnnknnknn 60  
knnknnknnk nnktctagac tgtgcagt 88

<210> 15  
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<212> DNA  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence:Arbitrary  
peptide

<400> 313  
Ser Ser His Trp Ser Ser Asp Ser Ile Phe Pro Gly Phe Trp Tyr Ser  
1 5 10 15

Gly

<210> 314  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
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peptide

<400> 314  
Ser Arg Gly Gly Val Asp Leu Asp Ile Gly Asn Ser Ala  
1 5 10

<210> 315  
<211> 11  
<212> PRT  
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peptide

<400> 315  
Glu Gly Glu Asp Val Arg Thr Arg Ile Ala Asn  
1 5 10

<210> 316  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
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peptide

<400> 316  
Ser Arg Trp Glu Ser Pro Leu Gly Thr Trp Glu Trp Ser Arg  
1 5 10

<210> 317  
<211> 14

<212> PRT  
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peptide

<400> 317  
Ser Ala Ala Pro Arg Thr Ile Ser His Tyr Leu Met Gly Gly  
1 5 10

<210> 318  
<211> 15  
<212> PRT  
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<220>  
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peptide

<400> 318  
Ser Ser Trp Val Arg Leu Ser Asp Phe Pro Trp Gly Val Ser Arg  
1 5 10 15

<210> 319  
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<212> PRT  
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peptide

<400> 319  
Ser Ser Trp Asp Arg Leu Ser Asp Phe Pro Trp Gly Val Ser Arg  
1 5 10 15

<210> 320  
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peptide

<400> 320  
Ser Ser Trp Ile Arg Leu Arg Asp Leu Pro Trp Gly Glu Ser Arg  
1 5 10 15

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<400> 321

Ser Ser Trp Val Leu Leu Arg Asp Leu Pro Trp Gly Ser Arg  
1 5 10

<210> 322

<211> 14

<212> PRT

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peptide

<400> 322

Ser Ser Trp Val Val Leu Arg Asp Leu Pro Trp Gly Ser Arg  
1 5 10

<210> 323

<211> 15

<212> PRT

<213> Artificial Sequence

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peptide

<400> 323

Ser Ser Cys Lys Trp Tyr Glu Lys Cys Ser Gly Leu Trp Ser Arg  
1 5 10 15

<210> 324

<211> 15

<212> PRT

<213> Artificial Sequence

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peptide

<400> 324

Ser Ser Gly Ile Cys Phe Phe Trp Asp Gly Cys Phe Glu Ser Arg  
1 5 10 15

<210> 325

<211> 15

<212> PRT

<213> Artificial Sequence

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<400> 325

Ser Arg Asn Leu Cys Phe Phe Trp Asp Asp Glu Tyr Cys Ser Arg  
1 5 10 15

<210> 326

<211> 14

<212> PRT

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<400> 326

His His His Arg His Pro Ala His Pro His Thr Tyr Gly Gly  
1 5 10

<210> 327

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

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<400> 327

Ser Arg Ala Gly Leu Leu Ser Asp Leu Leu Glu Gly Lys Ser Arg  
1 5 10 15

<210> 328

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Arbitrary  
peptide

<400> 328

Ser Ser Arg Ser Leu Leu Arg Asp Leu Leu Met Val Asp Ser Arg  
1 5 10 15

<210> 329

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Arbitrary  
peptide

<400> 329

Ser Ser Asn Lys Leu Leu Tyr Asn Leu Leu Lys Met Glu Ser Arg  
1 5 10 15

<210> 330

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Arbitrary  
peptide

<400> 330

Ser Ser Lys Ser Leu Leu Leu Asn Leu Leu Ser Thr Pro Ser Arg  
1 5 10 15

<210> 331

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Arbitrary  
peptide

<400> 331

His Ser Phe Pro Arg Glu Ser Leu Leu Val Arg Leu Leu Gln Gly Gly  
1 5 10 15

<210> 332

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Arbitrary  
peptide

<400> 332

Ser Arg Leu Glu Met Leu Leu Arg Ser Glu Thr Asp Phe Ser Arg  
1 5 10 15

<210> 333

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Arbitrary  
peptide

<400> 333

Ser Arg Leu Glu Glu Leu Leu Lys Trp Gly Ser Val Thr Ser Arg  
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<210> 334  
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<400> 334  
 Ser Arg Leu Glu Gln Leu Leu Lys Glu Glu Phe Ser Tyr Ser Arg  
 1 5 10 15

<210> 335  
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<220>  
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<400> 335  
 Ser Arg Leu Glu Gln Leu Leu Arg Ser Glu Pro Asp Phe Ser Arg  
 1 5 10 15

<210> 336  
 <211> 15  
 <212> PRT  
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<220>  
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<400> 336  
 Ser Arg Leu Glu Asp Leu Leu Arg Ala Pro Phe Thr Thr Ser Arg  
 1 5 10 15

<210> 337  
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<400> 337  
 Ser Arg Leu Glu Ser Leu Leu Arg Phe Gly Gln Leu Asp Ser Arg  
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 Ser Ser Arg Leu Leu Ser Leu Leu Val Gly Asp Phe Asn Ser Arg  
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 Ser Arg Leu Glu Glu Leu Leu Leu Gly Thr Asn Arg Asp Ser Arg  
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 Ser Arg Leu Lys Glu Leu Leu Leu Leu Pro Thr Asp Leu Ser Arg  
   1                  5                  10                  15  
  
  
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 Ser Arg Leu Glu Cys Leu Leu Glu Gly Arg Leu Asn Cys Ser Arg  
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   1                  5                  10                  15

<210> 344  
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 Ser Ser Lys Leu Ile Arg Leu Leu Thr Ser Asp Glu Glu Leu Ser Arg  
   1                  5                  10                  15

<210> 345  
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   1                  5                  10                  15

<210> 346  
 <211> 15

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peptide

<400> 346  
Ser Ser Asn His Gln Ser Ser Arg Leu Ile Glu Leu Leu Ser Arg  
1 5 10 15

<210> 347  
<211> 15  
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peptide

<400> 347  
Ser Ser Arg Leu Trp Gln Leu Leu Ala Ser Thr Asp Thr Ser Arg  
1 5 10 15

<210> 348  
<211> 15  
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<220>  
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peptide

<400> 348  
Ser Ser Asn Ser Met Leu Trp Lys Leu Leu Ala Ala Pro Ser Arg  
1 5 10 15

<210> 349  
<211> 15  
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peptide

<400> 349  
Ser Ser Lys Thr Leu Trp Arg Leu Leu Glu Gly Glu Arg Ser Arg  
1 5 10 15

<210> 350  
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<400> 350  
 Ser Arg Ala Gly Pro Val Leu Trp Gly Leu Leu Ser Glu Ser Arg  
 1 5 10 15

<210> 351  
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<400> 351  
 Ser Ser Leu Thr Ser Arg Asp Phe Gly Ser Trp Tyr Ala Ser Arg  
 1 5 10 15

<210> 352  
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 peptide

<400> 352  
 Ser Ser Trp Val Arg Leu Ser Asp Phe Pro Trp Gly Val Ser Arg  
 1 5 10 15

<210> 353  
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 peptide

<400> 353  
 Ser Ser Glu Tyr Cys Phe Tyr Asp Ser Ala His Cys Ser Arg  
 1 5 10

<210> 354  
 <211> 15  
 <212> PRT  
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peptide

<400> 354

Ser	Arg	Ser	Leu	Leu	Glu	Cys	His	Leu	Met	Gly	Asn	Cys	Ser	Arg
1				5					10					15

<210> 355

<211> 15

<212> PRT

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<223> Description of Artificial Sequence:Arbitrary  
peptide

<400> 355

Ser	Ser	Glu	Leu	Leu	Arg	Trp	His	Leu	Thr	Arg	Asp	Thr	Ser	Arg
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<210> 356

<211> 15

<212> PRT

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<220>

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peptide

<400> 356

Ser	Arg	Leu	Glu	Tyr	Trp	Leu	Lys	Trp	Glu	Pro	Gly	Pro	Ser	Arg
1				5					10					15

<210> 357

<211> 15

<212> PRT

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<223> Description of Artificial Sequence:Arbitrary  
peptide

<400> 357

Ser	Arg	Ser	Asp	Ser	Ile	Leu	Trp	Arg	Met	Leu	Ser	Glu	Ser	Arg
1				5					10					15

<210> 358

<211> 16

<212> PRT

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peptide

<400> 358

Ser Ser Lys Gly Val Leu Trp Arg Met Leu Ala Glu Pro Val Ser Arg  
1 5 10 15

<210> 359

<211> 16

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Arbitrary  
peptide

<400> 359

His Ser His Gly Pro Leu Thr Leu Asn Leu Leu Arg Ser Ser Gly Gly  
1 5 10 15

<210> 360

<211> 15

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Arbitrary  
peptide

<400> 360

Ser Ser Ala Gly Gly Gly Ala Pro Ala Gly Ser Thr Pro Ser Arg  
1 5 10 15